1 1	Name (Family Name	Atty. Dkt. No. Applicant: Appln. No Filing Date Examiner of First Inv	277995 HUTTU o.: e: April 9		likko	Client /PT0	0 5631	9 APR JS/LT/F	HER
Patent and Trademark Office	Name (Family Name LOVE ET AL	Applicant: Appln. No Filing Date Examiner	277995 HUTTU o.: e: April 9	JNEN, M	likko Group	2990 Art Ui	563I	Filing Date	HER
Patent and Trademark Office	Name (Family Name LOVE ET AL	Appln. No Filing Date Examiner	277995 HUTTU o.: e: April 9	JNEN, M	likko Group	2990 Art Ui	563I	Filing Date	HER
INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date: April 9, 2001 Page 1 of U.S. PATENT DOCUMENTS Examiner' Document MM/YYYY Initials* AR 5,363,412 11/1994 BR CR DR ER FR GR HR IR JR JR KR LR MR NR FOREIGN PATENT DOCUMENTS Document Date MM/YYYY MM/YYYY Count MM/YYYY MM/YYYY MM/YYYY MM/YYYY MM/YYYY MM/YYYY MM/YYYY MM/YYYY MM/YYYY MM/YYYYY MM/YYYY MM/YYYYY MM/YYYYYY MM/YYYYY MM/YYYYY MM/YYYYY MM/YYYYY MM/YYYYYY MM/YYYYY MM/YYYYYY MM/YYYYY MM/YYYYY MM/YYYYY MM/YYYYY MM/YYYYY MM/YYYYYY MM/YYYYY MM/YYYY MM/YYYYY MM/YYYY MM/YYYYY MM/YYYY MM/YYYY	Name (Family Name LOVE ET AL	Appln. No Filing Date Examiner	277995 HUTTU o.: e: April 9	JNEN, M	likko Group	2990 Art Ui	563I	Filing Date	HER
Date: April 9, 2001	Name (Family Name LOVE ET AL	Appln. No Filing Date Examiner	HUTTU		Group	Art Ui	nit:	Filing Date	
Date: April 9, 2001	Name (Family Name LOVE ET AL	Appln. No Filing Date Examiner	o.: e: April 9 :		Group	Sub		Date	riate)
Date: April 9, 2001 Page 1 of U.S. PATENT DOCUMENTS Examiner' Date Examiner's Document MM/YYYY Initials* AR 5,363,412 11/1994 BR CR DR DR ER FR GR HR IR JR JR KR LR MR NR FOREIGN PATENT DOCUMENTS Document Number Date MM/YYYY Count MM/YYYY ✓ W OR WO 99/62190 12/1999 WIPC ✓ PR WO 00/48354 08/2000 WIPC	Name (Family Name LOVE ET AL	Filing Date Examiner	e: April 9 :), 2001		Sub		Date	riate)
U.S. PATENT DOCUMENTS Examiner' S Number	Name (Family Name LOVE ET AL	Filing Date Examiner	e: April 9 :	0, 2001		Sub		Date	riate)
U.S. PATENT DOCUMENTS Examiner' S Number	Name (Family Name LOVE ET AL	Examiner	•	, 2001		Sub		Date	riate)
U.S. PATENT DOCUMENTS Examiner' S Number	Name (Family Name LOVE ET AL	· · · · · ·				Sub		Date	riate)
Examiner' Document Number MM/YYYY	(Family Name	of First Inv	rentor)		Class		5	Date	riate)
Number MM/YYYY	(Family Name	of First Inv	rentor)					Date	riate)
Initials*	LOVE ET AL							(if approp	riate)
BR	,								
CR DR ER FR GR HR IR JR KR LR LR MR NR FOREIGN PATENT DOCUMENTS Document Number Date MM/YYYYY OR WO 99/62190 12/1999 WIPC PR WO 00/48354 08/2000 WIPC	, ,								
DR	ζ . Υ								
ER FR GR GR HR IR JR KR LR MR NR FOREIGN PATENT DOCUMENTS Document Number Date MM/YYYY OR WO 99/62190 12/1999 WIPC PR WO 00/48354 08/2000 WIPC									
FR GR HR IR JR KR LR LR MR NR FOREIGN PATENT DOCUMENTS Document Number Date MM/YYYY OR WO 99/62190 12/1999 WIPC PR WO 00/48354 08/2000 WIPC						1			
GR HR IR IR JR KR LR LR MR NR FOREIGN PATENT DOCUMENTS Document Number Date MM/YYYY Number MM/YYYYY PR WO 00/48354 08/2000 WIPC				 a					
HR						ļ			
IR								ļ	
JR								ļ	
KR									
LR					-				
MR			-					ļ	
NR								<u> </u>	
Document Date MM/YYYY					 -				
Document Date Count						nglish		Translat	ion
Number MM/YYYY WIPC			· .	, %, .		bstract		Readily	
OR WO 99/62190 12/1999 WIPC	iry Inver	ntor Name						Available	
PR WO 00/48354 08/2000 WIPC					E	nclosed	No	Enclose	Īνο
7. PR WO 00/48354 08/2000 WIPC	мн	UTTUNEN						 	\top
		EPHENS	<u> </u>						T
		OTTINEN				-			T
RR					İ	-			T
SR									Γ
TR									Ι
UR									
VR									
WR								<u> </u>	
XR							<u> </u>	<u> </u>	<u> </u>
OTHER (Including in this order Author, Title, Period	ical Name, Dat	e, Pertinen	t Pages,	etc.)					
YR						_	L`	<u> </u>	
ZR'							ļ	<u> </u>	1_
AAR									1
BBR							<u> </u>	ļ	
CCR	-		·· ·				<u> </u>	ļ	╁
DDR					[<u></u>	<u> </u>	
Examiner		Date Con		6/	3/0/				
*EXAMINER: Initial if citation considered, whether or not in conformance and not considered. Include copy of		conformano	ce with M			line thr	ough	citation	if

FORM PTO-1449 (modified) To: U.S. Department of Commerce (PW FORM PAT-1449) Patent and Trademark Office					MAY 0 2 2002			Atty. Dkt. No.	M#			Clie	nt Ref.		
INFORM	ATIO	N DISCLOSUI NT	RE ST	ATEN	NENT.	40EMARK OF	9	Applicant	277995 : HUTTUN	EN		299	90563	US/LT/I	<u> IER</u>
BY APPL	ICA	NT				NOCE		Appln, No	o.: 09/807,	131					
					_				te: May 23,						
Date: May	2, 20	02	Page	1	of	1	<u> </u>	Examiner	: Not Assig	ned	Grou	p Art	Unit: 2	631	
U.S. PATE	NT C	OCUMENTS				•									
Examiner's Initials*		Document Number			1		Name (Family Name		of First Inventor)			Sub Class		Filing Date (if appropriate)	
	AR			<u> </u>							ļ				
	BR			<u> </u>										ļ	
	CR DR													<u> </u>	
	ER											+-			
	FR					<u> </u>							-	 	
	GR						-			25	CEI	VEC)		
	HR									HE	0-		a.	1	
	IR									MA	Y 0 6	KOO	£		
	JR			ļ							ology (enter	2600		
	KR									Techn	י עצטוסן	,0,,			
<u></u>	LR										ļ			ļ	
	MR										ļ			ļ	
	NR										<u> </u>				
FOREIGN PATENT DOCUMEN Document		Date	Coun		tava		entor Name			English Abstract			Translat Readily		
		Number	MM/Y	YYY	Coun	ountry In		ntor Name	·					Available	
		Turnber										Enclosed No		Enclose	No
Tin	OR	WO 01/03397	01/20	01	WIPO)	НΚι	ILLAR						1	\top
	PR										T				\top
	QR										,				\top
	RR									,					
	SR				1		<u> </u>							ļ	⊥
	TR		1		+		ļ	· <u>-</u>					\perp	 	+
	UR		-	-			ļ				\longrightarrow		+	 	+
	VR WR		+		+						+		+-	 	+
	XR						\vdash				$\overline{\cdot}$		+-		+
OTHER (I	<u> </u>	ing in this order	Author	Title	Period	lical Name	. Dat	e Pertiner	of Pages et	tc)	<u>-</u>			<u> </u>	十
OTTILITY (II	YR	Ing in this order z	Autiloi,	ine,	renoc	icai ivairie	, Dai	e, remier	it r ages, ei						1
	ZR												1		\top
	AAR		_	_											\top
	BBR												1.		\mathbb{I}
	CCR												_		\bot
	DDR										<u>ا بر ا</u>	· · · · · · · · · · · · · · · · · · ·			丄
Examiner		1/7						Date Con			σ <u>Ψ</u>				
*EXAMINE		Initial if citation c	onsider	ed, wh	ether of	r not citation	n is in	conforman	ce with MPE	P § 609	9. Draw	line t	hrough	citation	if